

FILEID**TBKSTO

K 4

TTTTTTTTTTT1 88888888 KK KK SSSSSSSS TTTTTTTTTT 000000
TTTTTTTTTTT 88888888 KK KK SSSSSSSS TTTTTTTTTT 000000
TT 88 BB KK KK SS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88888888 KKKKKK SSSSSS TT 00 00
TT 88888888 KKKKKK SSSSSS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88 88 KK KK SS TT 00 00
TT 88888888 KK KK SSSSSSSS TT 000000
TT 88888888 KK KK SSSSSSSS TT 000000

LL IIIII SSSSSSSS
LL IIIII SSSSSSSS
LL SS SS
LLLLLLLLLL IIIII SSSSSSSS
LLLLLLLLLL IIIII SSSSSSSS

TB
VO

```
1 0001 0 MODULE TBKSTO ( IDENT = 'V04-000' ) =
2 0002 1 BEGIN
3 0003 1
4 0004 1 ****
5 0005 1 *
6 0006 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
7 0007 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
8 0008 1 * ALL RIGHTS RESERVED.
9 0009 1 *
10 0010 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
11 0011 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
12 0012 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
13 0013 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
14 0014 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
15 0015 1 * TRANSFERRED.
16 0016 1 *
17 0017 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
18 0018 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
19 0019 1 * CORPORATION.
20 0020 1 *
21 0021 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
22 0022 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
23 0023 1 *
24 0024 1 *
25 0025 1 ****
26 0026 1
27 0027 1 FACILITY:
28 0028 1 TRACEBACK
29 0029 1
30 0030 1 ++
31 0031 1 Abstract:
32 0032 1 Declares global variables for DEBUG facility
33 0033 1
34 0034 1 Version: 09
35 0035 1
36 0036 1 History:
37 0037 1 Author:
38 0038 1 Carol Peters, 11 January 1978 : Version 01
39 0039 1
40 0040 1 Modified by:
41 0041 1 Dale Roedger, 15 June 1978: Version 08
42 0042 1
43 0043 1 Revision history:
44 0044 1
45 0045 1 02 19-jan-78 KGP -Add variables TBK$... for
46 0046 1 communication with other TBK modules.
47 0047 1 03 28-feb-78 KGP -Communication variables for the
48 0048 1 PUTMSG interface.
49 0049 1 04 1-mar-78 KGP -All non-diagnostic output now gets
50 0050 1 built in an output buffer so that we
51 0051 1 only do 1 $PUT.
52 0052 1 05 2-mar-78 KGP -We now have another RAB for
53 0053 1 SYS$ERROR, and no longer have
54 0054 1 any FABs at all for output.
55 0055 1 -Beginning exception type for
56 0056 1 FTN PC correlation is now decided
57 0057 1 in BAS (is no longer local to DPC)
```

TBKSTO
V04-000

: 58 0058 1 | 06 8-mar-78
: 59 0059 1 | 07 26-APR-78
: 60 0060 1 | 08 15-JUN-78
: 61 0061 1 | 09 3-Nov-79
: 62 0062 1 |
: 63 0063 1 |
: 64 0064 1 |
: 65 0065 1 |
: 66 0066 1 |--

M 4
16-Sep-1984 02:17:27 VAX-11 Bliss-32 v4.0-742
14-Sep-1984 13:20:25 DISK\$VMSMASTER:[TRACE.SRC]TBKSTO.B32;1

Page 2 (1)

KGP -New require file names since now
DEBBUG is separate from TRACE.
DAR Modified require and library directives
for native build.
DAR Changed all DBGS symbols to TBKS.
JBD Added support for statement numbers.
PS Did general clean up to use updated
files from DEBUG.

TB
VO

```
68      0067 1 ! Include files:  
69      0068 1 !  
70      0069 1 REQUIRE 'SRCS:TBKPROLOG.REQ';  
71      0341 1  
72      0342 1  
73      0343 1 ! Global variables:  
74      0344 1  
75      0345 1  
76      0346 1 GLOBAL LITERAL  
77      0347 1 ! The base of RST storage. Some of the RST  
78      0348 1 ! data structures base 'pointers' off this.  
79      0349 1 tbk$_rst_begin = %X'7FFF0000';  
80      0350 1  
81      0351 1 GLOBAL  
82      0352 1 TBK$GL_EXC_TYPE. ! Initial FAULT/TRAP type for PC correlation.  
83      0353 1  
84      0354 1 ! All non-diagnostic output goes thru  
85      0355 1 ! this buffer.  
86      0356 1 tbk$Output_buf : vector[ tty_out_width, byte ],  
87      0357 1 tbk$cp_out_str : ref VECTOR< BYTE >, ! POINTS INTO CURRENT OUTPUT BUFFER.  
88      0358 1 tbk$gl_buf_siz, ! holds current character count in output buffer  
89      0359 1  
90      0360 1 !++  
91      0361 1 ! Pointers to the TRACEBACK output routine.  
92      0362 1 !++  
93      0363 1  
94      0364 1 TBK$MODULE_CS : CS_POINTER,  
95      0365 1 TBK$ROUTINE_CS : CS_POINTER,  
96      0366 1 TBK$GL_STMT,  
97      0367 1 TBK$GL_LINE,  
98      0368 1 TBK$REC_PC,  
99      0369 1  
100     0370 1 TBK$MODULE_DST : REF DST$RECORD,  
101     0371 1  
102     0372 1 !++  
103     0373 1 ! Declare the RAB blocks for output  
104     0374 1 ! to SYSS$OUTPUT and SYSS$ERROR.  
105     0375 1 --  
106     0376 1 tbk$gl_outprab: $RAB (),  
107     0377 1 tbk$gl_errrab: $RAB ();  
108     0378 1  
109     0379 1 END  
110     0380 0 ELUDOM
```

```
.TITLE TBKSTO  
.IDENT \V04-000\  
.PSECT TBK$GLOBAL,NOEXE, PIC,2  
00000 TBK$GL_EXC_TYPE:: .B[KB] 4  
00004 TBK$OUTPUT_BUF:: .B[KB] 132  
00088 TBK$CP_OUT_STR:: .B[KB] 4  
0008C TBK$GL_BUF_SIZ:: .B[KB] 4
```

00090 TBK\$MODULE CS:: .BLKB 4
00094 TBK\$ROUTINE CS:: .BLKB 4
00098 TBK\$GL_STMT:: .BLKB 4
0009C TBK\$GL_LINE:: .BLKB 4
000A0 TBK\$REL_PC:: .BLKB 4
000A4 TBK\$MODULE DST:: .BLKB 4
01 000A8 TBK\$GL_OUTPRAB:: .BLKB 4
44 000A9 .BYTE 1
0000 000AA .WORD 68
00000000 000AC .WORD 0
00000000 000B0 .LONG 0
00000000 000B4 .LONG 0
0000# 000B8 .WORD 0[3]
0000 000BE .WORD 0
00000000 000C0 .LONG 0
0000 000C4 .WORD 0
00 000C6 .BYTE 0
00 000C7 .BYTE 0
0000 000C8 .WORD 0
00000000 000CA .WORD 0
00000000 000CC .LONG 0
00000000 000D0 .LONG 0
00000000 000D4 .LONG 0
00000000 000D8 .LONG 0
00 000DC .BYTE 0
00 000DD .BYTE 0
00 000DE .BYTE 0
00 000DF .BYTE 0
00000000 000E0 .LONG 0
00000000 000E4 .LONG 0
00000000 000E8 .LONG 0
01 000EC TBK\$GL_ERRRAB:: .BYTE 1
44 000ED .BYTE 68
0000 000EE .WORD 0
00000000 000F0 .LONG 0
00000000 000F4 .LONG 0
00000000 000F8 .LONG 0
0000# 000FC .WORD 0[3]
0000 00102 .WORD 0
00000000 00104 .LONG 0
0000 00108 .WORD 0
00 0010A .BYTE 0
00 0010B .BYTE 0
0000 0010C .WORD 0
0000 0010E .WORD 0
00000000 00110 .LONG 0
00000000 00114 .LONG 0
00000000 00118 .LONG 0

TBKSTO
V04-000

C 5
16-Sep-1984 02:17:27
14-Sep-1984 13:20:25

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[TRACE.SRC]TBKSTO.B32;1

Page 5
(2)

TB
VL

00000000	0011C	.LONG	0
00	00120	.BYTE	0
00	00121	.BYTE	0
00	00122	.BYTE	0
00	00123	.BYTE	0
00000000	00124	.LONG	0
00000000	00128	.LONG	0
00000000	0012C	.LONG	0

TBK\$_RST_BEGIN== 2147418112

PSECT SUMMARY

Name	Bytes	Attributes
TBK\$GLOBAL . ABS .	304 0 NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON, PIC,ALIGN(2) NOVEC,NOWRT,NORD ,NOEXE,NOSHR, LCL, ABS, CON,NOPIC,ALIGN(0)	

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
-\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	11	0	1000	00:01.9
-\$255\$DUA28:[TRACE.OBJ]TBKLIB.L32;1	157	2	1	14	00:00.3
-\$255\$DUA28:[TRACE.OBJ]STRUCTDEF.L32;1	32	0	0	7	00:00.1
-\$255\$DUA28:[TRACE.OBJ]TBKDST.L32;1	414	103	24	30	00:00.3

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:TBKSTO/OBJ=OBJ\$:TBKSTO MSRC\$:TBKSTO/UPDATE=(ENH\$:TBKSTO)

: Size: 0 code + 304 data bytes
: Run Time: 00:09.0
: Elapsed Time: 00:32.7
: Lines/CPU Min: 2530
: Lexemes/CPU-Min: 34175
: Memory Used: 87 pages
: Compilation Complete

0402 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

